2010 ITS Deployment Tracking National Survey

Survey Summary Report

Electronic Toll Collection

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About This Report

For more than a decade, the Intelligent Transportation Systems Joint Program Office (ITS JPO) of the Research and Innovative Technology Administration (RITA) has tracked the deployment of ITS technology through a series of national surveys of metropolitan transportation agencies. This data collection effort targets agencies involved with freeway, arterial, and transit management, public safety (law enforcement and fire/rescue/emergency medical), and toll collection, as well as transportation management systems. The most recent survey, conducted in 2010, involved distribution of 1600 surveys covering 108 metropolitan areas with a response rate of 85%.

This report covers the Electronic Toll Collection survey, and represents the results from a total of 65 responding agencies. This is one of a series of survey summaries for each of the survey types that provide an initial look at the data from the 2010 national survey. These summaries are limited to reporting the number of agencies responding to specific questions in the survey. Additional reports will be produced that cover counts and coverage of deployment of individual technologies, including deployment trends, covering national totals as well as individual cities and agencies. In addition, the 2010 survey results will be posted on line at: http://www.itsdeployment.its.dot.gov/ where results from earlier surveys are also available.

Electronic Toll Collection Facilities

Number of Electronic Toll Collection agencies that responded: **65**

Number of agencies with toll collection plazas with Electronic Toll Collection (ETC) capabilities: **64**

Number of agencies with toll collection lanes with Electronic Toll Collection (ETC) capabilities: **64**

Number of agencies that charge by mile on toll roads (only including fixed-rate charges) for non-commercial passenger vehicles: **8**

Number of agencies that offer a discount for ETC use: **47**

Methods agency uses to process customer accounts:

Process	Number of Agencies
Agency staff processes customer accounts in-house	25
The agency uses a bank to process customer accounts	3
The agency contracts out the processing of customer accounts to a private (non-bank) firm	36

Technology

Number of agencies with transponder technology that is proprietary or non-proprietary:
- Proprietary: **52**
- Non-proprietary: **7**

In the next 2-3 years, does your agency have plans to…

	Number of Agencies		
	Yes	No	Don't Know
Change to a different transponder technology	15	17	30
Switch to a different single-transponder reader	11	18	33
Switch to a multi-transponder reader	10	9	42

Integration

Number of agencies where toll tags are used by any other toll operators in the same metropolitan area: **44**

Number of agencies where toll tags are used by other toll operators in the same state: **41**

Number of agencies where toll tags are used by other toll operators in another state: **47**

Congestion Pricing

Number of agencies that currently use congestion pricing (e.g., strategies that set the price of a toll to rise and fall to reduce congestion): **6**

Number of agencies that currently DO NOT use congestion pricing but plan to use it in the next few years: **13**

Number of agencies that uses High Occupancy Toll (HOT) lanes: **8**

ITS Funding

Number of agencies that have a separate budget for ITS: **39**
Number of agencies that track the budget separately for each of the following categories:

ITS Deployments	30
Traffic Management or Operations Center	29
ITS Operations and Maintenance	23

ITS Purchase Decisions

Number of agencies that rated the importance of each of the following factors to your agency's decision to purchase ITS:

Factor	Not at all Important	Not very Important	Neutral	Somewhat Important	Very Important
Price of equipment	0	0	4	16	28
Public/constituent's Involvement	0	2	11	27	8
Funding/grant availability	8	3	17	7	13
Mobility benefits (e.g., to address congestion)	0	1	7	7	33
Safety benefits	0	0	2	2	44
Environmental benefits	0	0	4	25	19
Integration with other agencies	0	1	4	14	29
Integration with your current technologies	0	1	2	11	34
Already used by other agencies	3	4	12	14	13

Number of agencies that have any plans to invest in new ITS technology or to expand current ITS coverage in 2010 through 2013: **43**

Expand current ITS coverage	27
Invest in new ITS	27